

Notice of Allowability

Application No.

09/847,757

Examiner

Jenise E Jackson

Applicant(s)

PRITCHARD ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/20/04.
2. ☒ The allowed claim(s) is/are 13-24, 26, 28-30, 37-45 and 47-62.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 03292005.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Examiner's Statement

1. The Applicant is required to submit a formal drawing to the Draftsperson pursuant to the allowance of the application.

Reasons For Allowance

2. ***Status of Claims:*** Claims, 1-12, 25, 27, and 31-36 and 46 have been canceled by Applicant. Claims 13-24, 26, 28-30, 37-45, and 47 have been amended. Claims 48-62 have been added. In the previous Office action, Examiner objected to claims 25, 26, 28, 30, 46, and 47 as being rejected on base claims. The Applicant has added features of those objected to claims into claims 13-24, 26, 28-30, 37-45, and 47, and claims 48-62. Claims 13-24, 26, 28-30, 37-45, 47-62 are allowable for the features listed below and reasons are also listed below:
3. In the prior art of security, prior art fails to teach or suggest, "a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer". An example of prior art in security, that fails to disclose or suggest the limitations of, "a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer", is Schnurer. Schnurer discloses a virtual world that a virus can operate in. The virus of Schnurer is encouraged to act in this virtual world. Schnurer discloses a virus trapping device that monitors the data stream that

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enters from the outside world. This trapping device of Schnurer has an emulation box, where the virus is fooled into thinking that it is present on the host system. In Schnurer, it is desired that any disruptive behavior the virus is capable of displaying take place in the emulation chamber, such as replicating, attacking another program or destroying data. Prior art of security, such as Schnurer fails to disclose or suggest, "a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer". In the prior art of Schnurer, it teaches away for access control by using passwords, Schnurer states that "login/password control do not effect computer viruses"... "and it is quite burdensome and expensive to implement". Thus, Schnurer fails to disclose or suggest the limitations above and teaches away from passwords, much less disclose or suggest the limitations above.

4. Another example in the art of security, that fails to disclose or suggest, "a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer", is Templeton. Templeton discloses managing a file infected by at least on computer virus. Templeton discloses a virus bin that is used to store files that have been infected by viruses, to prevent the spread of the virus. Templeton fails to disclose or suggest, a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external

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communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”.

5. In the prior art of networking, prior art fails to teach or suggest, “a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”. An example of prior art in security, that fails to disclose or suggest the limitations of, “a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”; an example of prior art that fails to disclose the limitations above is Reardon. Reardon discloses a means and process by which to disable the computer’s access to all or part of a computer’s memory system or associated peripherals so as to protect the computer from computer virus infections when using new or untested software. Prior art of networking, prior art fails to teach or suggest, a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”.

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6. In the prior art of passwords, prior art fails to teach or suggest, “a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”. An example of prior art that fails to disclose or suggest, the limitations above is Grantges, Jr. Grantges, Jr. discloses a user identification password is performed on the insecure side of the firewall. Prior art fails to teach or suggest, a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”.

7. In Non-patent literature, fails to teach or suggest, “a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a valid password, allowing the external communication access to the embedded personal computer”. An example of prior art that fails to teach or suggest the limitations above, is Abreu. Abreu teaches that Java applets are designed to minimize security violations by being executed in a sandbox. Non-patent literature fails to teach or suggest “a password controller coupled to the embedded personal computer and a network interface, the password controller receiving an external communication from the network interface, identifying a password in the external communication, and in response to receiving a

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valid password, allowing the external communication access to the embedded personal computer".

Conclusion

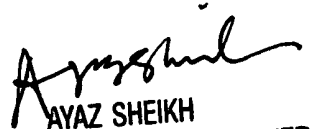
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E Jackson whose telephone number is (571) 272-3791. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



March 29, 2005



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